

368866

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FILE 'HOME' ENTERED AT 18:17:25 ON 29 NOV 2000

=> file reg

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Page 1

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	ENTRY	SESSION
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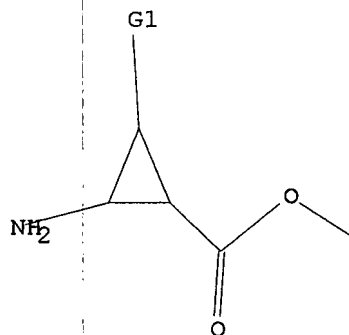
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L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR



G1 C, H, X, Cb, Ak

Structure attributes must be viewed using STN Express query preparation.

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=> s L1 sss full

FULL SEARCH INITIATED 18:18:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8637 TO ITERATE

100.0% PROCESSED 8637 ITERATIONS
SEARCH TIME: 00.00.01

11 ANSWERS

L2 11 SEA SSS FUL L1

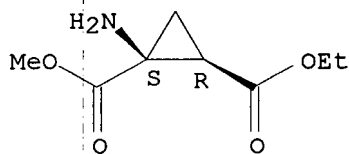
=> d L2

L2 ANSWER 1 OF 11 REGISTRY COPYRIGHT 2000 ACS
RN 201338-76-3 REGISTRY
CN 1,2-Cyclopropanedicarboxylic acid, 1-amino-, 2-ethyl 1-methyl ester,
cis-,
trifluoroacetate (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C8 H13 N O4 . C2 H F3 O2
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 201338-72-9
CMF C8 H13 N O4

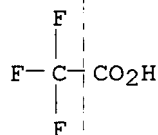
Relative stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

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1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> file caplus

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FULL ESTIMATED COST	127.72	127.87

FILE 'CAPLUS' ENTERED AT 18:18:57 ON 29 NOV 2000
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FILE COVERS 1967 - 29 Nov 2000 VOL 133 ISS 23
FILE LAST UPDATED: 28 Nov 2000 (20001128/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s L2

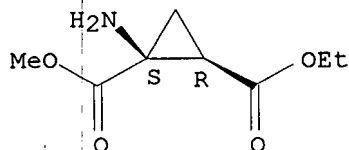
L3 6 L2

368866

=> d L3 1-6 bib abs hitstr

L3 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2000 ACS
AN 1998:722 CAPLUS
DN 128:102360
TI Synthesis of cyclopropane amino acids by reaction of ethyl diazoacetate
with N-protected methyleneglycinates
AU El Abdioui, Khalid; Martinez, Jean; Viallefont, Philippe; Vidal, Yves
CS Lab. des Aminoacides, Peptides et Proteines (CNRS ESA 5075), Univ.
Montpellier I et II, Montpellier, 34095, Fr.
SO Bull. Soc. Chim. Belg. (1997), 106(7-8), 425-431
CODEN: BSCBAG; ISSN: 0037-9646
PB Bulletin des Societes Chimiques Belges
DT Journal
LA French
OS CASREACT 128:102360
AB Synthesis of glutamic acid analogs, 1-aminocyclopropan-1,2-dicarboxylic
acid derivs., by reaction of Et diazoacetate with N-protected
methyleneglycinates in the presence of achiral and chiral copper
complexes. The cyclopropanation is effective with these catalysts but
the Pfaltz chiral complex did not induce any enantioselectivity.
IT 201338-73-0P 201338-76-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of cyclopropane amino acids by Pfaltz-catalyzed
cyclopropanation of Et diazoacetate with N-protected
methyleneglycinates)
RN 201338-73-0 CAPLUS
CN 1,2-Cyclopropanedicarboxylic acid, 1-amino-, 2-ethyl 1-methyl ester,
cis-
4-methylbenzenesulfonate (9CI) (CA INDEX NAME)
CM 1
CRN 201338-72-9
CMF C8 H13 N O4

Relative stereochemistry.

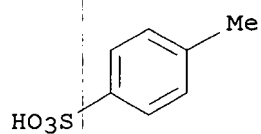


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CM 2

CRN 104-15-4

CMF C7 H8 O3 S



RN 201338-76-3 CAPLUS

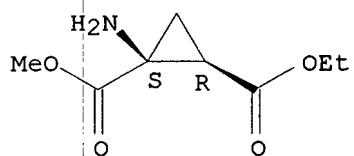
CN 1,2-Cyclopropanedicarboxylic acid, 1-amino-, 2-ethyl 1-methyl ester,
cis-,
trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 201338-72-9

CMF C8 H13 N O4

Relative stereochemistry.

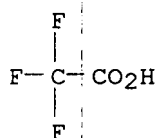


CM 2

CRN 76-05-1

CMF C2 H F3 O2

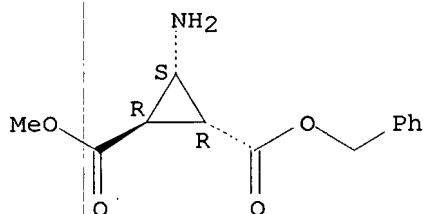
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L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2000 ACS
AN 1997:522244 CAPLUS
DN 127:205886
TI Novel strategies for the synthesis of peptides containing cis- or
trans-.beta.-aminocyclopropanecarboxylic acids
AU Bubert, Christian; Cabrele, Chiara; Reiser, Oliver
CS Institut Organische Chemie, Georg-August-Universitat, Goettingen,
D-37077,
Germany
SO Synlett (1997), (7), 827-829
CODEN: SYNLES; ISSN: 0936-5214
PB Thieme
DT Journal
LA English
OS CASREACT 127:205886
AB The scope and limitation of an in-situ coupling strategy is described,
which allows the incorporation of cis- or trans-.beta.-
aminocyclopropanecarboxylates into peptides.
IT **194806-21-8P 194806-30-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(synthesis of aminocyclopropanecarboxylate-contg. peptides)
RN 194806-21-8 CAPLUS
CN 1,2-Cyclopropanedicarboxylic acid, 3-amino-, methyl phenylmethyl ester,
hydrochloride, (1.alpha.,2.beta.,3.beta.)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

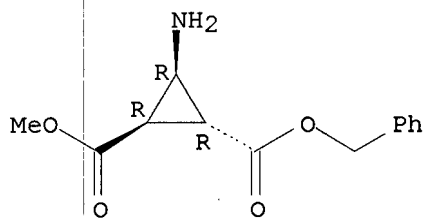
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● HCl

RN 194806-30-9 CAPLUS
CN 1,2-Cyclopropanedicarboxylic acid, 3-amino-, methyl phenylmethyl ester,
hydrochloride, (1.alpha.,2.beta.,3.alpha.)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

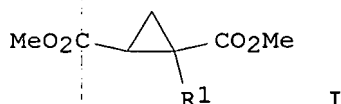


● HCl

L3 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2000 ACS
AN 1996:117825 CAPLUS
DN 124:261655
TI Comments on an attempted synthesis of
1-aminocyclopropane-1,2-dicarboxylic
acid
AU Taylor, Edward C.; Hu, Baihua
CS Dep. Chem., Princeton Univ., Princeton, NJ, 08544, USA
SO Synth. Commun. (1996), 26(5), 1041-9
CODEN: SYNCAV; ISSN: 0039-7911
DT Journal

368866

LA English
OS CASREACT 124:261655
GI

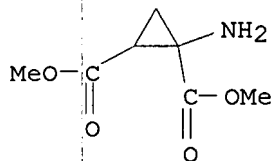


AB Aminolysis of bromocyclopropane diester I (R₁ = Br) in the presence of potassium hexamethyldisilazane (KHMDs) was investigated. Methoxycyclopropane diester I (R₁ = OMe) instead of the putative aminocyclopropane diester I (R₁ = NH₂) was isolated from the reaction.

IT **175089-77-7P**
RL: PNU (Preparation, unclassified); PREP (Preparation)
(attempted synthesis of aminocyclopropanedicarboxylic acid via aminolysis of bromocyclopropanedicarboxylate)

RN 175089-77-7 CAPLUS

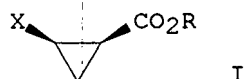
CN 1,2-Cyclopropanedicarboxylic acid, 1-amino-, dimethyl ester (9CI) (CA INDEX NAME)



L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2000 ACS
AN 1993:603875 CAPLUS
DN 119:203875
TI Preparation of cis-2-aminocyclopropanecarboxylic acid derivatives as intermediates for endothelin antagonist peptides
IN Ishikawa, Kyobumi; Niiyama, Kenji; Ihara, Masaki; Yano, Mitsuo
PA Banyu Pharma Co Ltd, Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN. CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

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PI	JP 05155827	A2	19930622	JP 1991-350316	19911209
OS	MARPAT 119:203875				
GI					

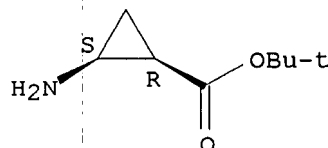


AB The title derivs. I (X = NX₃X₄; R = protective group; X₃-4 = H, protective group) or their salts are prepd. from I (X = CO₂H) by conversion to I (X = COX₁; X₁ = NH₂, N₃), rearrangement into isocyanate derivs., hydrolysis or alcoholysis to I (X = NHX₂; X₂ = H, alkoxy-carbonyl) or their salts, and optional removal of the amino and/or the carboxy protective groups and/or protection of the amino group. Treating 2.88 g (-)-(1S,2R)-I (X = CO₂Me, R = H) (prepn. given) with isobutylene and H₂SO₄ in CH₂Cl₂ at room temp. for 20 h gave 3.24 g diester, which was hydrolyzed by aq. K₂CO₃ in MeOH to give 2.4 g (+)-(1S,2R)-I (X = CO₂H, R = CMe₃) (II). Stirring a suspension of 1.10 g II, NH₄Cl, 1-hydroxy-1H-benzotriazole, Et₃N, and 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide-HCl in DMF at room temp. for 5 h gave 0.91 g (+)-(1S,2R)-I (X = CONH₂), reaction of 0.37 g of which with (CF₃CO₂)₂IPh in MeCN in the presence of pyridine and subsequent reaction with Me₃COH gave 0.25 g (1S,2R)-I (X = NHCO₂CMe₃, R = CMe₃).

IT **150626-49-6P 150737-97-6P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of, as intermediate for endothelin-antagonizing peptides)

RN 150626-49-6 CAPLUS
 CN Cyclopropanecarboxylic acid, 2-amino-, 1,1-dimethylethyl ester, (1R-cis)-(9CI) (CA INDEX NAME)

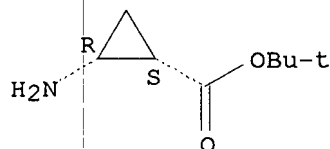
Absolute stereochemistry.



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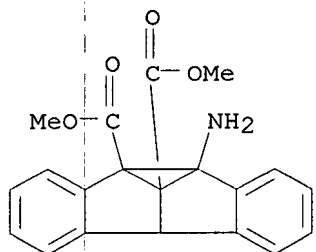
RN 150737-97-6 CAPLUS
CN Cyclopropanecarboxylic acid, 2-amino-, 1,1-dimethylethyl ester, (1S-cis)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.

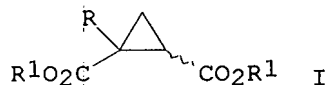


L3 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2000 ACS
AN 1992:58563 CAPLUS
DN 116:58563
TI Asymmetric induction in the solid state photochemistry of ammonium salts
AU Gudmundsdottir, Anna D.; Scheffer, John R.
CS Dep. Chem., Univ. British Columbia, Vancouver, BC, V6T 1Z1, Can.
SO Photochem. Photobiol. (1991), 54(4), 535-8
CODEN: PHCBAP; ISSN: 0031-8655
DT Journal
LA English
OS CASREACT 116:58563
AB A general approach to using crystal chirality in asym. synthesis is described. An example consists of the prepn. of cryst. salts of di-Me 9-amino-9,10-ethenoanthracene-11,12-dicarboxylate (I) with optically active sulfonic acids. Photolysis of the salts in the solid state generates a product that has chiral centers in the amine-contg. portion of the mol. (di-.pi.-methane photorearrangement). The optical activity in the photoproduct was detd. by polarimetry and NMR chiral shift reagent anal., which revealed enantiomeric excesses ranging from 30 to 68% depending on the optically active sulfonic acid employed. In contrast to the results in the cryst. state, irradiation of the salts in acetonitrile gave racemic photoproduct.
IT **137017-38-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 137017-38-0 CAPLUS
CN Dibenzo[a,f]cyclopropa[cd]pentalene-8b,8e-dicarboxylic acid, 8c-amino-4b,8c-dihydro-, dimethyl ester (9CI) (CA INDEX NAME)

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L3 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2000 ACS
AN 1991:102745 CAPLUS
DN 114:102745
TI Analogs of glutamic acid: synthesis and biological evaluation
AU Kraus, George A.; Kim, Hakwon; Thomas, P. J.; Metzler, David E.; Metzler, Carol M.; Taylor, James E.
CS Dep. Chem., Iowa State Univ., Ames, IA, 50011, USA
SO Synth. Commun. (1990), 20(17), 2667-73
CODEN: SYNCAV; ISSN: 0039-7911
DT Journal
LA English
OS CASREACT 114:102745
GI

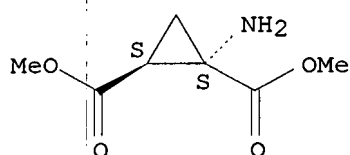


AB The reaction of bromodiester I (R = Br, R1 = Me) with base in liq. ammonia affords good yields of aminocyclopropane diesters I (R = NH2). The corresponding diacids I (R = NH2, R1 = H) were not inhibitors of aspartate aminotransferase.

IT **132245-72-8P 132245-73-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and sapon. of)
RN 132245-72-8 CAPLUS
CN 1,2-Cyclopropanedicarboxylic acid, 1-amino-, dimethyl ester, trans- (9CI) (CA INDEX NAME)

368866

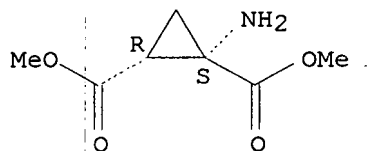
Relative stereochemistry.



RN 132245-73-9 CAPLUS

CN 1,2-Cyclopropanedicarboxylic acid, 1-amino-, dimethyl ester, cis- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



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---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
24.07	151.94

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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